

LOW ASH FILTER PAPERS FOR QUALITATIVE ANALYSIS

Low ash filter paper (approx. 0.08 %) recommended for applications that require greater precision than routine laboratory work due to its low ash content.

- For specific analytical tests that require greater precision than "General use" filter papers.
- Made of super-refined cotton linters and cellulose.
- α -cellulose content above 95 %.
- Low ash content (approx. 0.08 %).
- 2 designs: plain (DP) and folded (DF) filters.
- The folded discs:
 - Allow time and cost savings in the filtering process.
 - Afford higher flow speed.
 - Afford higher loading capacity.



TECHNICAL SPECIFICATIONS

Grade	Properties	Filtration Herzbergs	Retention of particles μm	Weight g/m^2	Thickness mm	Ash** %
FP604	Fast	50	12-25	79	0.19	0.08
FP591	Medium-fast/Thick	90*	7-12	161	0.35	0.08
FP598	Medium-fast/Thick	100	8-10	140	0.32	0.08
FP597	Medium-fast	140	4-7	81	0.18	0.08
FP595	Medium-fast/Thin	160	4-7	68	0.15	0.08
FP593	Medium-slow	450	2-5	84	0.17	0.08
FP602h	Slow/Dense	750*	<2	84	0.16	0.08
FP602eh	Very Slow / Very dense	1500*	<2	84	0.15	0.08

* Measured with 100 mm water column instead of 50 mm

** Average value

APPLICATIONS

Ref. FP604:

- For coarse crystalline precipitates.
- Sodium chloride in foodstuffs, ferrous hydroxide, aluminum hydroxide and metal sulfide analysis.
- Routine cleaning of organic extracts and biological fluids.
- Analyses in the food industry according to §35 LMBG*.

* German law for food and consumer products

Ref. FP591:

- For medium fine crystalline precipitates.
- Its thickness enables to load greater quantities of solutes.
- High wet strength.
- For Buchner funnels.
- Determination of water retention in mortar (EN 413-2:1994).

Ref. FP598:

- For fast filtration of coarse particles.
- Its thickness enables to load greater quantities of solutes.
- For general routine laboratory work.

Ref. FP597:

- For fine crystalline precipitates.
- Determination of total fat content according to §35 LMBG*.
- Calcium oxalate, metal sulfide.
- Analysis of soils and seeds.
- Beer and malt analysis based on the parameters recommended by the EBC (European Brewery Convention).
- Analyses in the food industry.

* German law for food and consumer products

Ref. FP595:

- For medium-fine precipitates.
- Determination of total fat content in foodstuff (folded) according to §35 LMBG*.
- Particle separation from food extracts for sample preparation (folded).
- Determination of the unsaponifiable fraction in fats and oils.
- Digestion of solids with aqua regia e.g. for ICP/AAS analysis (folded).
- For general routine laboratory work.

* German law for food and consumer products

Ref. FP593:

- For fine crystalline precipitates.
- Barium sulfate (hot), tin sulfide, etc.
- Analysis of soils.
- Analysis of fertilizers.

Ref. FP602h:

- For very fine crystalline precipitates.
- Barium sulfate (cold), zinc sulfide, etc.
- Analyses in the beverage industry.
- Removal of carbon dioxide and turbidity from beer, wine and juices.
- Sample preparation for spectra, refractometric analysis and HPLC.
- Sample preparation for further analysis.

Ref. FP602eh:

- For ultrafine filtration.
- Recovery of crystalline components with sizes below 1 μm .
- For environmental analysis.



Grade Ø	FP604 Fast	FP604 Fast	FP591 Medium-fast, Thick	FP598 Medium-fast, Thick	FP598 Medium-fast, Thick	FP597 Medium-fast	FP597 Medium-fast
Format	Plain	Folded	Plain	Plain	Folded	Plain	Folded
6 mm	-	-	-	-	-	-	-
42.5 mm	DP6040425	-	-	DP5980425	-	DP5970425	-
47 mm	DP604047	-	-	DP598047	-	DP597047	-
55 mm	DP604055	-	-	DP598055	-	DP597055	-
70 mm	DP604070	DF604070	DP591070	DP598070	DF598070	DP597070	DF597070
90 mm	DP604090	DF604090	DP591090	DP598090	DF598090	DP597090	DF597090
110 mm	DP604110	DF604110	DP591110	DP598110	DF598110	DP597110	DF597110
125 mm	DP604125	DF604125	DP591125	DP598125	DF598125	DP597125	DF597125
150 mm	DP604150	DF604150	DP591150	DP598150	DF598150	DP597150	DF597150
185 mm	DP604185	DF604185	DP591185	DP598185	DF598185	DP597185	DF597185
200 mm	DP604200	DF604200	DP591200	DP598200	DF598200	DP597200	DF597200
240 mm	DP604240	DF604240	DP591240	DP598240	DF598240	DP597240	DF597240
270 mm	-	DF604270	-	-	DF598270	-	DF597270
320 mm	DP604320	DF604320	DP591320	DP598320	DF598320	DP597320	DF597320
385 mm	-	-	-	-	-	-	DF597385
460 x 570 mm	6044657	-	5914657	5984657	-	5974657	-
580 X 580 mm	-	-	5915858	-	-	5975858	-

Presentation: 100 units / box
Other sizes available on request.



Grade Ø	FP595 Medium-fast, Thin	FP595 Medium-fast, Thin	FP593 Medium-Slow	FP593 Medium-Slow	FP602h Slow-dense	FP602h Slow-dense	FP602eh Very Slow, Very dense	FP602eh Very Slow, Very dense
Format	Plain	Folded	Plain	Folded	Plain	Folded	Plain	Folded
6 mm	DP595006*	-	-	-	-	-	-	-
42.5 mm	DP5950425	-	DP5930425	-	DP6020425	-	DP602eh0425	-
47 mm	DP595047	-	DP593047	-	DP602047	-	DP602eh047	-
55 mm	DP595055	-	DP593055	-	DP602055	-	DP602eh055	-
70 mm	DP595070	DF595070	DP593070	DF593070	DP602070	DF602070	DP602eh070	DF602eh070
90 mm	DP595090	DF595090	DP593090	DF593090	DP602090	DF602090	DP602eh090	DF602eh090
110 mm	DP595110	DF595110	DP593110	DF593110	DP602110	DF602110	DP602eh110	DF602eh110
125 mm	DP595125	DF595125	DP593125	DF593125	DP602125	DF602125	DP602eh125	DF602eh125
150 mm	DP595150	DF595150	DP593150	DF593150	DP602150	DF602150	DP602eh150	DF602eh150
185 mm	DP595185	DF595185	DP593185	DF593185	DP602185	DF602185	DP602eh185	DF602eh185
200 mm	DP595200	DF595200	DP593200	DF593200	DP602200	DF602200	DP602eh200	DF602eh200
240 mm	DP595240	DF595240	DP593240	DF593240	DP602240	DF602240	DP602eh240	DF602eh240
270 mm	-	DF595270	-	DF593270	-	DF602270	-	DF602eh270
320 mm	DP595320	DF595320	DP593320	DF593320	DP602320	DF602320	DP602eh320	DF602eh320
385 mm	-	DF595385	-	-	-	-	-	-
460 x 570 mm	5954657	-	5934657	-	6024657	-	602eh4657	-
580 X 580 mm	5955858	-	-	-	-	-	-	-

Presentation: 100 units / box
* Presentation: 1.000 units / box
Other sizes available on request.

